

CLAIMS

Claims 1-14 (cancelled)

15. (currently amended) A network of transceiver node devices comprising:

a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

a second slave transceiver configured to communicate with said first slave transceiver;
and

a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising ~~The network of transceiver node devices as recited in claim 14 wherein said master transceiver further comprises~~ a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to receive spread spectrum RF signals having different modulation methods.

16. (currently amended) A network of transceiver node devices comprising:

a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

a second slave transceiver configured to communicate with said first slave transceiver;
and

a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and

synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising a ~~The master transceiver recited in claim 14 wherein said master receiver is configured to receive signals modulated by on-off keying.~~

17. (currently amended) A network of transceiver node devices comprising:

a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

a second slave transceiver configured to communicate with said first slave transceiver;
and

a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising ~~The network of transceiver node devices as recited in claim 14 wherein said master transceiver further comprises~~ a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to receive spread spectrum RF signals having variable pulse repetition frequencies.

18. (currently amended) A network of transceiver node devices comprising:

a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

a second slave transceiver configured to communicate with said first slave transceiver;
and

a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and

synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to receive spread spectrum RF signals having variable pulse repetition frequencies or ~~The master transceiver recited in claim 17 wherein said master receiver is configured to receive signals having different modulation methods.~~

19. (currently amended) A network of transceiver node devices comprising:

a first slave transceiver having a receiver configured to receive ultra-wideband spread spectrum signals;

a second slave transceiver configured to communicate with said first slave transceiver;
and

a master transceiver in communication with said first slave transceiver and said second slave transceiver, said master transceiver configured to manage data transmissions and synchronization between the said first slave transceiver and said second slave transceiver, the master transceiver comprising a master receiver including a radio frequency (RF) front end, a pulse detector operatively coupled to said RF front end, and a data recovery unit configured to receive spread spectrum RF signals having variable pulse repetition frequencies or ~~The master transceiver recited in claim 18 wherein said master receiver is configured to receive signals modulated by on-off keying.~~

Claims 20-26 (cancelled)